

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/02691

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 5/055, A61B 10/00, C07B 47/00, C07F 5/10, A61K 31/555, A61K 31/40
 US CL : 424/9.362, 424/9.61, 540/145, 534/15, 514/185, 514/410

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 424/9.362, 424/9.61, 540/145, 534/15, 514/185, 514/410

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 STN

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | Hunt et al., Amphiphilic Peroxynitrite Decomposition Catalysts in Liposomal Assemblies. Chemistry & Biology November 1997, 4:845-858 | 1-4 |
| --- | | ----- |
| Y | | 1-14 |
| X | Dancil et al., Synthesis and Aggregation of Cationic Porphyrins. 1997 J. Heterocyclic Chem., 34, 749-755. | 1-4 |
| --- | | ----- |
| Y | | 5-14 |
| Y | Gong et al. Preparation and Characterization of Porphyrin Nanoparticles. 2002. J. Am. Chem. Soc. 124, pp. 14290-14291 | 1-4 |
| Y | US 6,544,975 B1 (Crapo et al.) 8 April 2003 (08.04.2003) column 53 and 54) | 1-4 |
| Y | US 6,479,477 B1 (Crapo et al.) 12 November 2002 (12.11.2002), column 5 line 66-column 8 line 31. | 5-14 |

| | | | |
|--------------------------|---|--------------------------|--|
| <input type="checkbox"/> | Further documents are listed in the continuation of Box C. | <input type="checkbox"/> | See patent family annex. |
| * | Special categories of cited documents: | | |
| "A" | document defining the general state of the art which is not considered to be of particular relevance | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "E" | earlier application or patent published on or after the international filing date | "X" | document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "L" | document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" | document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" | document referring to an oral disclosure, use, exhibition or other means | "&" | document member of the same patent family |
| "P" | document published prior to the international filing date but later than the priority date claimed | | |

Date of the actual completion of the international search

20 April 2005 (20.04.2005)

Date of mailing of the international search report

10 MAY 2005

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 Facsimile No. (703) 305-3230

Authorized officer

James O. Wilson

Telephone No. (703) 308-1235